

Abstract of the Disclosure

A method of preparing a sample of silicon for chemical analysis is provided, wherein the method is performed in a reaction system including an outer container and an inner container. The method includes adding a volume of deionized water to the inner
5 container, adding the sample of silicon to the inner container, adding a volume an acid to the outer container, at least partially sealing the outer container, and applying heat to the reaction system by illuminating the reaction system with a lamp.